

Demographic characteristics of the participants	Total	Without SCI	SCI	P value
	Patients (n=174)	Patients (n=148)	Patients (n=26)	
Age, years	65.0±14.2	64.1±14.6	70.0±9.96	0.007
Male	92 (52.9)	81 (54.7)	11 (42.31)	0.289
Body surface area, m ²	1.57±0.21	1.57±0.22	1.55±0.18	0.319
Hypertension	90 (51.7)	72 (48.7)	18 (66.67)	0.0584
Diabetes mellitus	19 (10.9)	15 (10.1)	4 (14.8)	0.492
CKD	14 (8.1)	13 (8.8)	1 (3.7)	0.697
Hemodialysis	1 (0.57)	1 (0.68)	0 (0)	1
COPD	6 (3.45)	4 (2.7)	2 (7.41)	0.22
History of chronic arterial fibrillation	22 (12.6)	5 (3.38)	2 (7.69)	0.536
History of paroxysmal atrial fibrillation	5 (2.87)	20 (13.5)	0 (0)	1
History cerebrovascular disease	7 (4.02)	5 (3.38)	2 (7.69)	0.281
Euro II SCORE	1.70±2.00	1.71±2.06	1.67±1.59	0.449
AS (n)	38 (21.84)	27 (18.24)	11 (42.31)	0.00995
AR (n)	27 (15.52)	22 (14.86)	5 (19.2)	0.562
MR (±TR, n)	87 (50.00)	78 (52.70)	9 (34.62)	0.136

Table 1. Preoperative characteristics of 174 patients who underwent MICS and postoperative MRI, which were stratified according to silent brain infarction.

The values were presented as n (%) or median (interquartile range).

MICS, minimally invasive cardiac surgery; MRI, magnetic resonance imaging